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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen R. Bacso, Rene J.
Juneau, Sanjeev Shankar,
and Bruce D. Scanlan

Filed: Herewith Docket No.: 1028-009US01

Title: METHOD AND SYSTEM FOR DATAFLOW MANAGEMENT IN A
COMMUNICATIONS NETWORK

J1050 U.S. PTO
09/991563
11/20/01

This application claims priority under 35 U.S.C. §119 from Canadian Application No. 2,326,368, filed November 20, 2000, and under 35 U.S.C. §120 from pending United States Patent application Serial No. 09/687,449 filed October 13, 2000 entitled "Method and System for Targeted Advertising".

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: ET508955475US
Date of Deposit: November 20, 2001

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202.

By: *Celia A. Roberts*

Name: Celia A. Roberts

NEW PATENT APPLICATION UNDER 37 C.F.R. § 1.53**BOX PATENT APPLICATION**

Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

Presented for filing is a new patent application. Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

- ☒ Transmittal sheet containing Certificate of Mailing
- ☒ Utility Patent Application: Spec. 19 pgs; claims 4 pgs; Abstract 1 pg.
- ☒ 11 sheets of informal drawings.
- ☒ Return postcard

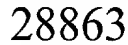
CLAIMS

Number of Claims Filed	In Excess of:	Extra	Rate	Fee
Basic Filing Fee				\$370.00
Total Claims				
18	20	x	\$9.00	= \$
Independent Claims				
6	3	3	\$42.00	= \$126.00
MULTIPLE DEPENDENT CLAIM FEE				
TOTAL FILING FEE				\$496.00

Figure 1 consists of 12 histograms arranged horizontally, each representing a different value of n (10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120). The x-axis for all histograms is the number of non-zero elements, ranging from 0 to 120. The y-axis represents the frequency, with a maximum value of 100. As n increases, the distribution of non-zero elements shifts to the right, indicating that more elements in the vector x are non-zero. The histograms show a clear trend where the peak frequency decreases as n increases, and the distribution becomes more spread out.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

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PATENT TRADEMARK OFFICE

Date: November 20, 2007

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